Data Analytics for Real Time Water Monitoring

VIRTUAL STUDENT FOREIGN SERVICE

V S F S

Project Title	Data Analytics for Real Time Water Monitoring
Project Summary	Data flow from numerous experimental real time water monitors has created a large data set that continues to grow. USEPA needs VSFS support for our cutting edge data science needs to evaluate and analyze past/incoming data, as well as help us learn more about water pollution in NW Washington state.
Country	United States
Agency	Environmental Protection Agency
DoS Office	N/A
Post	N/A
Section	N/A
Number of Interns	2

Project Description

We are working with a distributed network of experimental "real time" water monitoring sensors and need team members to help us build on the previous successful VSFS project to help us visualize and analyze the extensive field data we are receiving. You'll be joining a team of scientists, lawyers and environmental protection specialists in this cutting edge project which will use your expertise manipulating and visualizing sets of big data. Successful applicants will be familiar with Qlik Apps, R, Python, Jupyter Notebook and Git, among others

Desired Skills Interests

Additional Information

We would like someone interested in data visualization and predictive analytics. Currently, we are working in a Druple web environment and are using 52 North open source software.
We are ready to start when you are

Language Requirements

None